

## VC1280

2-Port 4K HDMI/VGA to HDMI Converter Switch



The ATEN VC1280 is a user-friendly device that simply connects HDMI and VGA sources to one HDMI display or projector. Apart from being compliant with [HDCP 1.4](#), the VC1280 also supports HDMI 1.4 including 3D, Deep Color and 4K (3840 X 2160@30 Hz). In addition, the VC1280 features built-in VGA conversion, which allows you to transmit VGA signals to HDMI output without using extra adapters or scalers.

The VC1280 offers 3 source switching modes – HDMI, VGA, and AUTO, it allows you to switch rapidly and intuitively via a pushbutton for real-time use. When the VC1280 operates on the AUTO input mode, it transmits the first detected input to the HDMI display, and automatically switches to a newly plugged-in source when it detects the signals.

Without any software or driver installation required, the VC1280 is a handy and easy-to-use multi-input A/V switch. It is ideal for user that needs automatic and quick switching to adopt. With the VC1280, you can effortlessly accelerate instant collaboration and work efficiency with co-workers.



### Features

- Supports Auto Switch – the VC1280 automatically switches to a newly plugged-in source
- Connects two sources (HDMI/VGA) to one HDMI display
- Converts VGA signals to HDMI output
- Easily switches sources among 3 modes (HDMI/VGA/AUTO) via a pushbutton
- HDMI 1.4 (3D, Deep Color, 4K); [HDCP 1.4](#) compatible
- Superior video quality – up to 4K (3840 x 2160 @ 30Hz)
- RS-232 Channel Transmission – allows you to connect to serial terminals or serial devices for firmware upgrade
- Supports Consumer Electronic Control (CEC)
- Plug-and-play; no software or driver installation required
- Quality and durable metal enclosure

### Specifications

LEDs	
Status	3 x LED (Front - Source Switching: AUTO / HDMI / VGA) Color: Orange 3 x LED (Top - HDMI / VGA / POWER) Color: HDMI – Orange / VGA – Orange / Power - Green
Video Input	

Interfaces	1 x HDMI (Type A Female, Black) 1 x VGA (HDB-15 VGA Female, Blue)
Impedance	HDMI: 100 $\Omega$ VGA: 75 $\Omega$
Max. Distance	1.8 m - VGA (1920 x 1200) 3m - HDMI (3840 x 2160@30Hz)
Video	
Max. Data Rate	10.2Gbps (3.4Gbps per lane)
Max. Pixel Clock	340 MHz
Compliance	HDMI 1.4 (3D, Deep Color, 4K) HDCP 1.4 Compatible Consumer Electronics Control (CEC)
Max. Resolutions / Distance	Video Input 3m - HDMI (3840 x 2160 @30Hz) 1.8m - VGA (1920 x 1200) Video Output 15m - HDMI (3840 x 2160 @30Hz)
Audio	
Input	1 x HDMI (Type A Female, Black) 1 x 3.5mm Stereo audio Jack Female (Green)
Control	
RS-232	FW upgrade & control: Connector: 1 x Terminal Block, 3 pole Baud Rate: 19200, Data Bits: 8, Stop Bits: 1, no parity and flow control
Switches	
Video Input Port Selection	Source switching: HDMI / VGA / AUTO 1 x Push Button
Connectors	
Power	1 x DC Jack (with locking, black)
Power Consumption	DC5V:1.8W:8BTU/h  Note: <ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul>
Environmental	
Operating Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal

Weight	0.43 kg ( 0.95 lb )
Dimensions (L x W x H) with bracket	14.32 x 12.30 x 3.00 cm (5.64 x 4.84 x 1.18 in.)
Dimensions (L x W x H) without bracket	13.60 x 10.10 x 2.90 cm (5.35 x 3.98 x 1.14 in.)

**Diagram**



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